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# **GUI Workshop I**

## **Planning and Data Processing**

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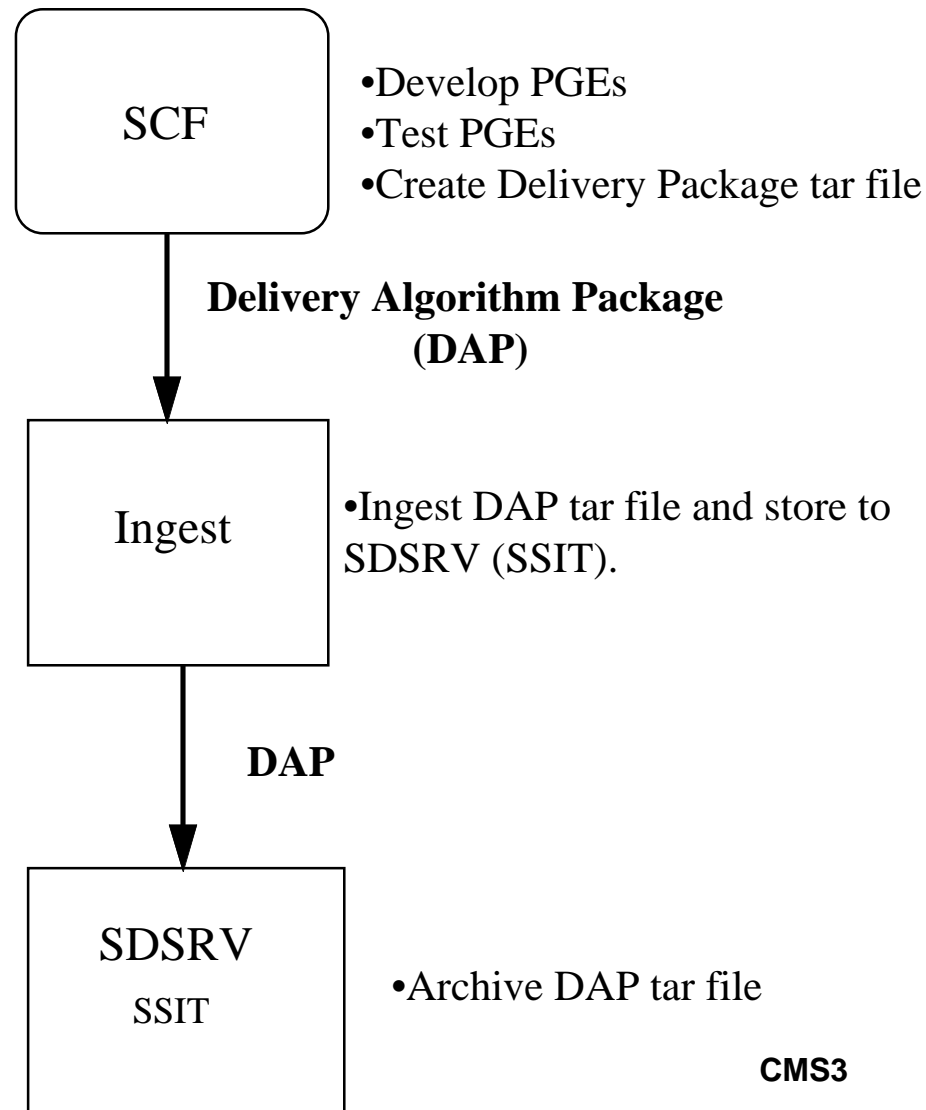
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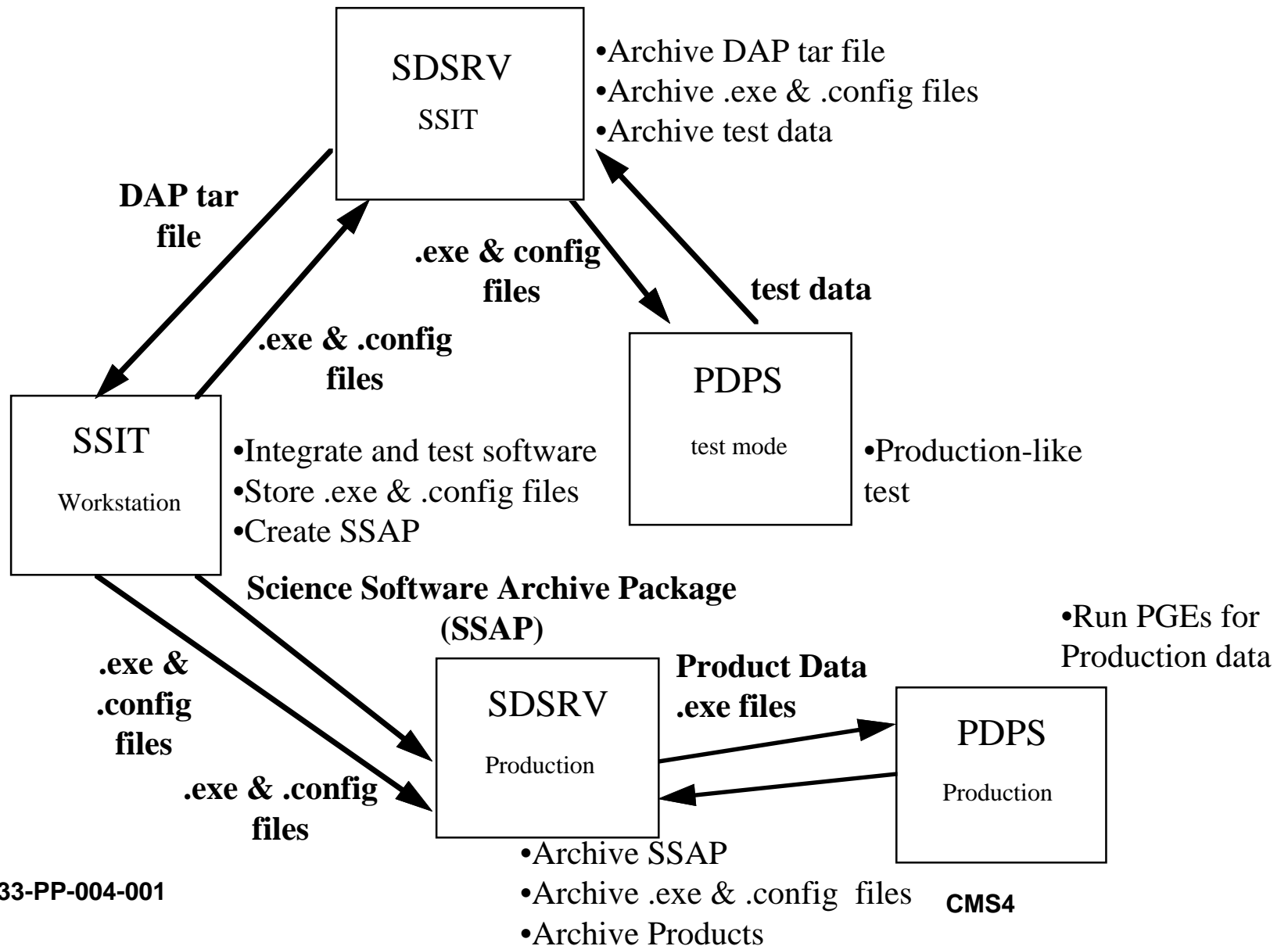
# **Planning And Data Processing GUIs**

- **Science Software Archive Package**
- **Planning Strategies**
- **Planning Configuration Controls**
- **Autosys/AutoXpert (COTS)**
- **Data Processing Exit Handling**

# Overview - Creation of an SSAP



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# **Overview and Context Science Software Archive Package**

**This scenario provides a view of Retrieving  
Science Software Archive Packages (SSAP),  
Viewing SSAP file lists and metadata,  
Extracting Portions of an SSAP, and  
Modifying portions of an SSAP.**

# SSAP

- **Context:**
  - Bring up SSAP GUI
  - browse metadata for a particular test file
  - browse files from SSAP
  - extract (copy)a test file from SSAP
  - create new SSAP, include extracted file
  - update an SSAP with new data
  - Delete an SSAP from system

## SSAP Table of Events

Script 1: This script highlights the GUIs used to create a new SSAP.

Preconditions:

1. The SSIT Operator has logged onto GSFC DAAC Desktop. Identification validated.
2. SSIT is complete for a PGE.

Steps:

STEP #	TIME	PLAYER	ACTIVITY	GUI
1	0900	SSIT Staff	The SSIT Engineer begins creating a new SSAP with files that are currently hosted on local disk. (selects 'Create')	SSAP Main
2	0901	SSIT Staff	Provides a new SSAP name according to local SSAP naming conventions	SSAP Pop-up
3	0901	SSIT Staff	Selects Files to add to the SSAP	SSAP Files Tab
4	0910	SSIT Staff	Defines Metadata values for SSAP	SSAP Metadata Tab
5	0915	SSIT Staff	Submits SSAP to Science Data Server	SSAP Main

Script 2: This script highlights the GUIs used to copy a file from one SSAP into another SSAP.

Preconditions:

1. The SSIT Operator has logged onto GSFC DAAC Desktop. Identification validated.
2. SSAP with File needed is already stored on the Science Data Server
3. SSAP to be updated is already stored on the Science Data Server

Steps:

STEP #	TIME	PLAYER	ACTIVITY	GUI
1	0910	SSIT Staff	Determines that an additional file should be present, but is not currently available. SSIT Staffer knows that File is included in another SSAP previously stored. SSIT staff opens SSAP that contains needed file	SSAP Main
2	0915	SSIT Staff	Finds additional file. Copies the old file out of SSAP and onto local disk.	SSAP File List screen
3	0915	SSIT Staff	Opens SSAP needing extra file	SSAP Main
4	0921	SSIT Staff	add file to the second SSAP	SSAP file List
5	0921	SSIT Staff	resubmits SSAP to Science Data Server	SSAP Main



Script 3: This script highlights the GUIs used to create a new SSAP using another SSAP as a starting point

Preconditions:

1. The SSIT Operator has logged onto GSFC DAAC Desktop. Identification validated.
2. SSAP from which data is to be copied is already stored on the Science Data Server

Steps:

STEP #	TIME	PLAYER	ACTIVITY	GUI
1	0900	SSIT Staff	The Scientist begins creating a new SSAP with files that are currently hosted on local disk. Scientist Determines that an older version of this SSAP would be an excellent starting point, as many of the necessary files are extant. Scientist chooses to create new SSAP by first referencing contents of another SSAP.	SSAP Main
2	0910	SSIT Staff	Scans SSAP listing and chooses one to use as a starting point	SSAP Main
3	0915	SSIT Staff	Extracts 2 files from newly created SSAP, and adds 2 new ones. Identifies mistake and resets to original content. Deletes 1 and adds 2 new files.	SSAP Filelist screen, file directory pop-up
4	0921	SSIT Staff	Submits new SSAP to Science Data Server	SSAP-1 Main

Script 4: This script highlights the GUIs used to delete an SSAP from the Science Data Server

Preconditions:

1. The SSIT Operator has logged onto GSFC DAAC Desktop. Identification validated.
2. SSAP to be deleted is already stored on the Science Data Server

STEP #	TIME	PLAYER	ACTIVITY	GUI
1	0900	SSIT Staff	SSIT noticed upon last scan that there was an old SSAP that was of no future value.	SSAP Main
2	0910	SSIT Staff	Selects the SSAP in question, and clicks on the "Delete" button	SSAP Main
3	0915	SSIT Staff	Confirms Delete request	SSAP Delete Confirmation pop-up screen
4	0921	SSIT Staff	Exits SSAP Editor	SSAP Main

SSAP Editor

FilesOptionsHelp

Current SSAP: MOD06:L2\_T:MOD06\_L2\_RADGRID\_T:MOD06\_L2\_LUTAT\_T:MOD06\_L2\_LUTAT2\_V2.0

MainFile ListMetadata

Filters

SSAP Name:

SSAP Version:

UR

Find

SSAP Listing:

LISPROD\_T:LISDD\_T:LISEPH-ATT\_V1.2  
LISPROD-QA\_V2.1  
LIS300DAY\_V2.0  
LIS300DAY\_T:LIS\_15\_DAY\_FDP\_V1.0  
AIRSP1A\_V3.2  
AIRSP1A\_V3.3  
AIRSP1AB\_V3.0  
MOD07:L1A\_1:2MOD\_LU\_V1.4  
MOD04:L2\_V1.3  
MOD04:L2\_V1.4  
MOD04:L2\_V1.5  
MOD04:L3:MK\_V1.1  
MOD04:L3:DY\_V1.2  
MOD04:L3:MN\_V1.1  
MOD06:L2\_T:MOD06\_L2\_RADGRID\_T:MOD06\_L2\_LUTAT\_T:MOD06\_L2\_LUTAT2\_V2.0  
MOD06:L3:MN\_V1.3  
MOD:ATNOS:L2\_V2.0

Create a new SSAP

Create

Create a new SSAP

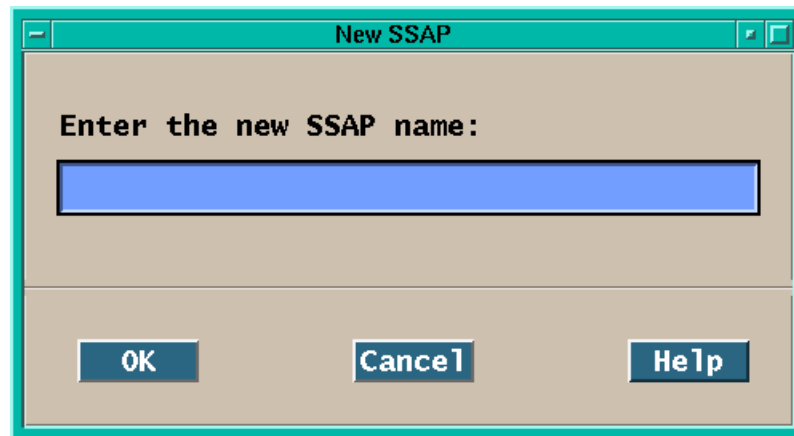
Create With

Create a new SSAP with the selected SSAP from the above list

Submit

Delete

Reset

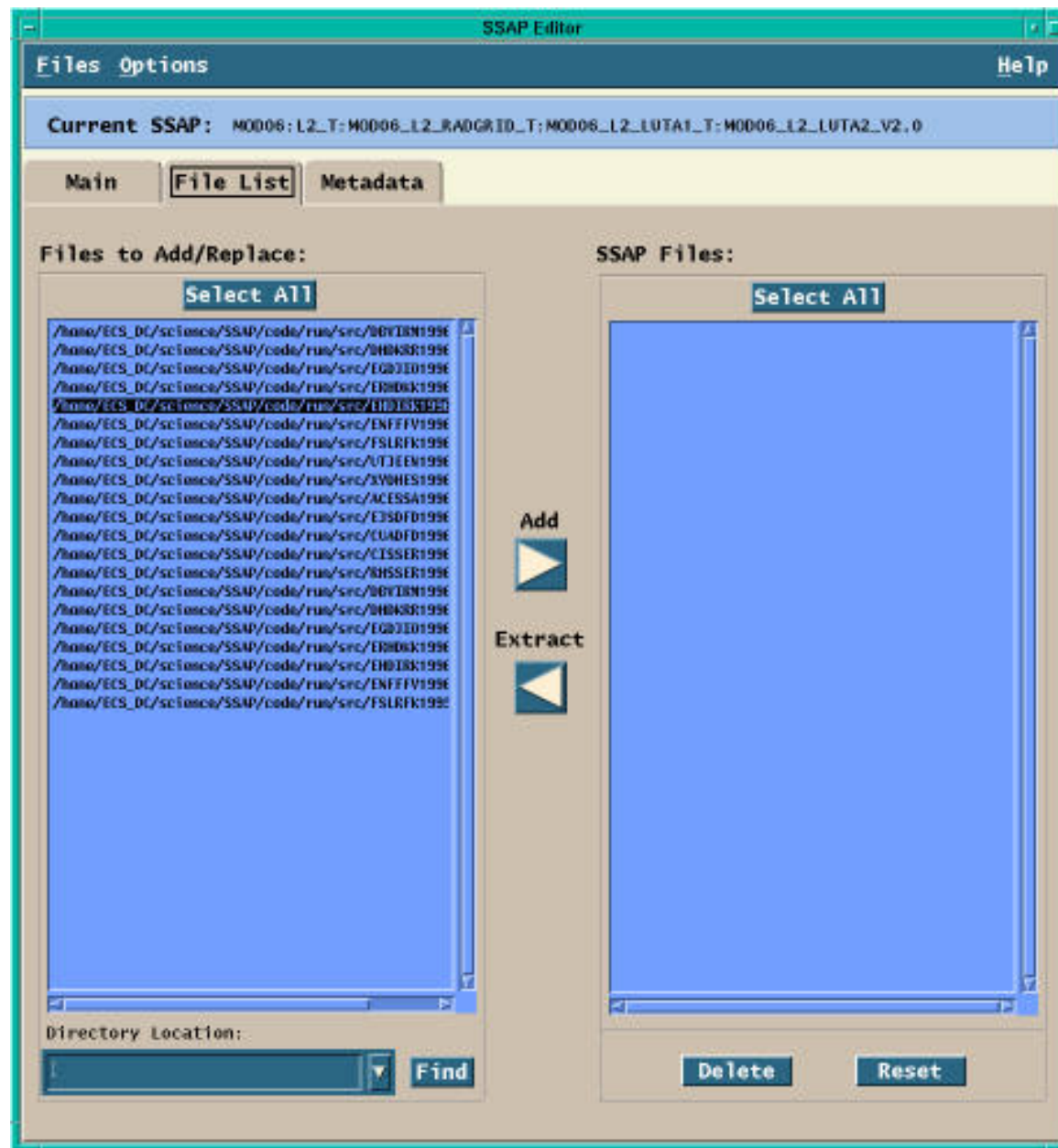


A screenshot of a classic Windows-style dialog box titled "New SSAP". The dialog has a teal title bar with standard window controls. The main area is light beige and contains the text "Enter the new SSAP name:" followed by a single-line text input field with a blue background. At the bottom, there is a horizontal bar containing three buttons: "OK", "Cancel", and "Help", each with a blue background and white text.

New SSAP

Enter the new SSAP name:

OK Cancel Help



New SSAP

Enter the new SSAP name:

Selected SSAP:

MOD06:L2\_T:MOD06\_L2\_RADGRID\_T:MOD06\_L2\_

OK Cancel Help

SSAP Editor

Files Options Help

Current SSAP: MOD06\_I2\_T:MOD06\_I2\_RADGRD\_T:MOD06\_I2\_1:UTA1\_T:MOD06\_I2\_1:UTA2\_V2.0

Main File List Metadata

Metadata:

Parameter	Value
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Find

Edit Metadata:

Selected Parameter:

New value:  OK

Save Reset

